

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Shell S. Simpson) Confirmation No: 7709
)
Serial No.: 09/981,392) Group Art Unit: 2155
)
Filed: October 17, 2001) Examiner: Baturay, Alicia
)
For: System for Controlled Printing of a) Docket No.: 10007682-1
Signature Using Web-Based Imaging)

APPEAL BRIEF UNDER 37 C.F.R. § 41.37

Mail Stop: Appeal Brief-Patents
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This Appeal Brief under 37 C.F.R. § 41.37 is submitted in support of the Notice of Appeal filed November 29, 2006, responding to the final Office Action mailed April 28, 2006.

It is not believed that extensions of time or fees are required to consider this Appeal Brief. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor are hereby authorized to be charged to Deposit Account No. 08-2025.

I. Real Party in Interest

The real party in interest is Hewlett-Packard Development Company, LP, a limited partnership established under the laws of the State of Texas and having a principal place of business at 20555 S.H. 249 Houston, TX 77070, U.S.A. (hereinafter "HPDC"). HPDC is a Texas limited partnership and is a wholly-owned affiliate of Hewlett-Packard Company, a Delaware Corporation, headquartered in Palo Alto, CA. The general or managing partner of HPDC is HPQ Holdings, LLC.

II. Related Appeals and Interferences

There are no known related appeals or interferences that will affect or be affected by a decision in this Appeal.

III. Status of Claims

Claims 1-46 stand finally rejected. No claims have been allowed. The final rejections of claims 1-46 are appealed.

IV. Status of Amendments

This application was originally filed on October 17, 2001, with forty-six (46) claims. In a Response filed April 13, 2005, Applicant amended claim 38. In a Response filed September 12 2005, Applicant amended claims 1, 25, and 38. In a Response filed February 27, 2005, Applicant presented remarks without any claim amendments. In a Response filed September 7, 2006, Applicant presented remarks without any claim amendments. The claims in

the attached Claims Appendix (see below) reflect the present state of Applicant's claims.

V. Summary of Claimed Subject Matter

The claimed inventions are summarized below with reference numerals and references to the written description ("specification") and drawings. The subject matter described in the following appears in the original disclosure at least where indicated, and may further appear in other places within the original disclosure.

Embodiments according to independent claim 1 describe a method for controlling production and display of an image represented by data generated at a source service (Figure 1A, 24), from a client program (Figure 1A, 16) in a web-based environment. The data represents at least in part a predetermined graphic symbol (see Applicant's specification, page 20, lines 1-5) referencing a particular symbol set (see Applicant's specification, page 20, lines 1-5). The method comprises accessing the source service (Figure 1A, 24) and dynamically generating a printable version of the image represented by the data at the source service (Figure 1A, 24) under interactive control of the client program (Figure 1A, 16). Applicant's specification, page 15, lines 18-22 and Figure 2. The printable version includes the predetermined graphic symbol (see Applicant's specification, page 20, lines 5-15) referencing the particular symbol set (see Applicant's specification, page 20, lines 5-15). The method further comprises referencing the printable version of the image represented by the data from a composition stored in an imaging store (Figure 1A, 30) and accessing the composition from a destination service (Figure 1A,

34). Applicant's specification, pages 15-16, lines 23-14 and Figure 2. If the destination service (Figure 1A, 34) contains the particular symbol set and if the destination service (Figure 1A, 34) is instructed to produce the printable version of the represented image, then the method comprises forwarding the printable version of the represented image to the destination service (Figure 1A, 34) and then producing the represented image including the predetermined graphic symbol (see Applicant's specification, page 20, lines 5-15) under interactive control by the client program (Figure 1A, 16), wherein the particular symbol set (see Applicant's specification, page 20, lines 5-15) identifies mapping characteristics for producing the predetermined graphic symbol (see Applicant's specification, page 20, lines 5-15) on the represented image. Applicant's specification, pages 15-20, lines 23-15; Figure 2; and Figure 4.

Embodiments according to independent claim 25 describe a system for controlling printing and display of an image in a distributed computing environment. The system comprises a first computer (Figure 1C, 12) and a second computer (Figure 1C, 22) accessible from the first computer (Figure 1C, 12) and operable to provide a first executable content (Figure 1C, 20) to the first computer (Figure 1C, 12) in response to a request from the first computer (Figure 1C, 12). The system further comprises the second computer (Figure 1C, 22) further operable to dynamically generate and display a printable version of data representing the image under the interactive control of the first computer (Figure 1C, 12) via the first executable content (Figure 1C, 20). The represented image comprises at least in part a predetermined graphic symbol (see Applicant's specification, page 20, lines 1-

5) referencing a particular symbol set (see Applicant's specification, page 20, lines 1-5). Such a system further comprises an imaging store (Figure 1C, 30) accessible from the second computer (Figure 1C, 22) and operable to access and store a composition (Figure 1C, 40) referencing the printable version of the data and at least one destination computer accessible from the first computer (Figure 1C, 12) and operable to access the composition (Figure 1C, 40). The destination computer (Figure 1B, 35) represents a production device (Figure 1B, 154), such that, if the at least one destination computer (Figure 1B, 35) contains the particular symbol set (see Applicant's specification, page 20, lines 1-5), then the production device (Figure 1B, 154) represented by the at least one destination computer (Figure 1B, 35) is operable to produce the represented image including printing the predetermined graphic symbol (see Applicant's specification, page 20, lines 5-15) under interactive control of the first computer (Figure 1C, 12), wherein the particular symbol set (see Applicant's specification, page 20, lines 5-15) identifies mapping characteristics for producing the predetermined graphic symbol (see Applicant's specification, page 20, lines 5-15) on the represented image. Applicant's specification, pages 13-21, lines 9-12.

Embodiments according to independent claim 38 describe a computer for controlling production and display of an image represented by data generated at a source service (Figure 1A, 24) in a distributed computing environment. The data represents at least in part a predetermined graphic symbol (see Applicant's specification, page 20, lines 1-5) referencing a particular symbol set (see Applicant's specification, page 20, lines 1-5). The computer (Figure 1C, 22) is operable to access the source service (Figure 1A,

24) and interactively direct the source service (Figure 1A, 24) to dynamically generate a printable version of the represented image. The printable version includes the predetermined graphic symbol (see Applicant's specification, page 20, lines 5-15) referencing the particular symbol set (see Applicant's specification, page 20, lines 5-15). The computer (Figure 1C, 22) is further operable to reference the printable version of the represented image via a composition (Figure 1C, 40) stored in an imaging store (Figure 1C, 30) and access a destination service. If the destination service contains the particular symbol set, then the computer (Figure 1C, 12) is operable to interactively directing the destination service exclusively to access and produce the printable version of the represented image, including the predetermined graphic symbol (see Applicant's specification, page 20, lines 5-15), wherein the particular symbol set (see Applicant's specification, page 20, lines 5-15) identifies mapping characteristics for producing the predetermined graphic symbol (see Applicant's specification, page 20, lines 5-15) on the represented image. Applicant's specification, pages 13-21, lines 9-12; Figure 2; and Figure 4.

VI. Grounds of Rejection to be Reviewed on Appeal

The following grounds of rejections are to be reviewed on appeal:

Claims 1-7, 11-13, 18-23, 25-35, 37-43, and 46 stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over *Adamske* (U.S. Patent No. 6,615,234) in view of *Savoray* (U.S. Patent No. 6,631,200).

Claims 8, 14-16, and 24 stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over *Adamske* in view of *Savoray* in further view of *Powers* (U.S. Patent No. 6,438,584).

Claims 9, 10, 36, 44, and 45 stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over *Adamske* in view of *Savoray* in further view of *Shima* (U.S. Patent No. 6,369,909).

Claim 17 stands rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over *Adamskie* in view of *Savoray* in further of *Powers* in further view of *Shima*.

VII. Arguments

The Appellant respectfully submits that Applicant's claims 1-46 are patentable under 35 U.S.C. §103. The Appellant respectfully requests that the Board of Patent Appeals overturn the final rejection of those claims at least for the reasons discussed below.

1. The *Adamske* Disclosure

Adamske discloses at most a system where a "Signature database 62 is connected to signature server 60 and contains a set of identifying information for each signatory, including a pass phrase, a user ID, and an on-line signature. The signatures for each individual signatory can be scanned into and electronically stored in signatory database 62 (optionally, in an encrypted format)." Col. 8, lines 24-45.

2. The *Savoray* Disclosure

Savoray appears to teach at most a method for producing an electronic signature in a scaleable font format from a raster or bitmap image of a manual, handwritten signature. See col. 3, lines 25-27. The produced

electronic signature may then be attached to an electronic document. See col. 5, lines 10-23.

3. Applicant's Claim 1

As provided in independent claim 1, Applicant claims:

From a client program in a web-based environment, a method for controlling production and display of an image represented by data generated at a source service, said data representing at least in part a predetermined graphic symbol referencing a particular symbol set, said method comprising the steps of:

- accessing said source service;
- dynamically generating a printable version of said image represented by said data at said source service under interactive control of said client program, said printable version including said predetermined graphic symbol referencing said particular symbol set;
- referencing said printable version of said image represented by said data from a composition stored in an imaging store;
- accessing said composition from a destination service;
- and

if said destination service contains said particular symbol set and if said destination service is instructed to produce said printable version of said represented image, then forwarding said printable version of said represented image to said destination service and then producing said represented image including said predetermined graphic symbol under interactive control by said client program, wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image.

(Emphasis added).

Applicant respectfully submits that independent claim 1 is allowable for at least the reason that *Adamske* in view of *Savoray* does not disclose, teach, or suggest at least "if said destination service contains said particular symbol set and if said destination service is instructed to produce said printable version of said represented image, then forwarding said printable version of said represented image to said destination service and then producing said

represented image including said predetermined graphic symbol under interactive control by said client program, wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image," as recited and emphasized above in claim 1.

The final Office Action of April 28, 2006 acknowledges that *Adamske* fails to teach or suggest at least "wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image." For example, in *Adamske*, a signature is stored as an image file and is not mapped in accordance with a particular symbol set.

With regard to *Savoray*, it appears to teach at most a method for producing an electronic signature in a scaleable font format from a raster or bitmap image of a manual, handwritten signature. See col. 3, lines 25-27. The produced electronic signature may then be attached to an electronic document. See col. 5, lines 10-23.

Whereas, the claimed subject matter discloses a method in which a printable version of an image is generated at a source service, where the image includes a predetermined graphic symbol. The graphic symbol references a particular symbol set. If the service or client producing the image does have the particular symbol set, then the graphic symbol is not printed or displayed on the image. In some embodiments, the particular symbol set is an actual signature. Therefore, only services or clients having the particular symbol set are able to display or print the actual signature, in some embodiments.

Accordingly, *Adamske* in view of *Savoray* does not teach or suggest at least "wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image," or all of the remaining features of claim 1, such as the step of: if said destination service contains said particular symbol set and if said destination service is instructed to produce said printable version of said represented image, then forwarding said printable version of said represented image to said destination service and then producing said represented image including said predetermined graphic symbol under interactive control by said client program, wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image.

Therefore, a *prima facie* case establishing an obviousness rejection by the proposed combination of *Adamske* in view of *Savoray* has not been made, and the rejection of claim 1 should be withdrawn.

4. Applicant's Claims 2-7, 11-13, and 18-23

Because independent claim 1 is allowable over the cited art of record, dependent claims 2-7, 11-13, and 18-23 (which depend from independent claim 1) are allowable as a matter of law for at least the reason that dependent claims 2-7, 11-13, and 18-23 contain all the features of independent claim 1. For at least this reason, the rejections of claims 2-7, 11-13, and 18-23 should be withdrawn.

Additionally and notwithstanding the foregoing allowability of claims 2-7, 11-13, and 18-23, these claims recite further features and/or combinations of features (as is apparent by examination of the claim itself) that are patentably

distinct from the cited art of record. Hence, there are other reasons why these dependent claims are allowable.

5. Applicant's Claim 25

As provided in independent claim 25, Applicant claims:

A system for controlling printing and display of an image in a distributed computing environment, comprising:

a first computer;

a second computer accessible from said first computer and operable to provide a first executable content to said first computer in response to a request from said first computer;

said second computer further operable to dynamically generate and display a printable version of data representing said image under the interactive control of said first computer via said first executable content, said represented image comprising at least in part a predetermined graphic symbol referencing a particular symbol set;

an imaging store accessible from said second computer and operable to access and store a composition referencing said printable version of said data; and

at least one destination computer accessible from said first computer and operable to access said composition, said destination computer representing a production device, such that, ***if said at least one said destination computer contains said particular symbol set, then said production device represented by said at least one said destination computer is operable to produce said represented image including printing said predetermined graphic symbol under interactive control of said first computer, wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image.***

(Emphasis added).

Applicant respectfully submits that independent claim 25 is allowable for at least the reason that *Adamske* in view of *Savoray* does not disclose, teach, or suggest at least "if said at least one said destination computer contains said particular symbol set, then said production device represented by said at least one said destination computer is operable to produce said

represented image including printing said predetermined graphic symbol under interactive control of said first computer, wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image," as recited and emphasized above in claim 25.

For example, the final Office Action of April 18, 2006 acknowledges that *Adamske* fails to teach or suggest at least "wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image."

With regard to *Savoray*, it appears to teach at most a method for producing an electronic signature in a scaleable font format from a raster or bitmap image of a manual, handwritten signature. See col. 3, lines 25-27. The produced electronic signature may then be attached to an electronic document. See col. 5, lines 10-23.

Whereas, the claimed subject matter discloses a system in which a printable version of an image is generated at a second computer, where the image includes a predetermined graphic symbol. The graphic symbol references a particular symbol set. If the service or client producing the image does have the particular symbol set, then the graphic symbol is not printed or displayed on the image. In some embodiments, the particular symbol set is an actual signature. Therefore, only services or clients having the particular symbol set are able to display or print the actual signature, in some embodiments.

Therefore, *Adamske* in view of *Savoray* does not teach or suggest at least "wherein said particular symbol set identifies mapping characteristics for

producing said predetermined graphic symbol on said represented image," or all of the remaining features of claim 25, such as: "at least one destination computer accessible from said first computer and operable to access said composition, said destination computer representing a production device, such that, if said at least one said destination computer contains said particular symbol set, then said production device represented by said at least one said destination computer is operable to produce said represented image including printing said predetermined graphic symbol under interactive control of said first computer, wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image."

As a result, a *prima facie* case establishing an obviousness rejection by the proposed combination of *Adamske* in view of *Savoray* has not been made. Therefore, the rejection of claim 25 should be withdrawn.

6. Applicant's Claims 26-35, 37, and 43

Because independent claim 25 is allowable over the cited art of record, dependent claims 26-35, 37, and 43 (which depend from independent claim 25) are allowable as a matter of law for at least the reason that dependent claims 26-35, 37, and 43 contain all the elements and features of independent claim 25. For at least this reason, the rejections of claims 26-35, 37, and 43 should be withdrawn.

Additionally and notwithstanding the foregoing allowability of claims 26-35, 37, and 43 these claims recite further features and/or combinations of features (as is apparent by examination of the claim itself) that are patentably

distinct from the cited art of record. Hence, there are other reasons why these dependent claims are allowable.

7. Applicant's Claim 38

As provided in independent claim 38, Applicant claims:

In a distributed computing environment, a computer for controlling production and display of an image represented by data generated at a source service, said data representing at least in part a predetermined graphic symbol referencing a particular symbol set, said computer operable to:

access said source service;

interactively direct said source service to dynamically generate a printable version of said represented image, said printable version including said predetermined graphic symbol referencing said particular symbol set;

reference said printable version of said represented image via a composition stored in an imaging store;

access a destination service; and

if said destination service contains said particular symbol set, then interactively directing said destination service exclusively to access and produce said printable version of said represented image, including said predetermined graphic symbol, wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image.

(Emphasis added).

Applicant respectfully submits that independent claim 38 is allowable for at least the reason that *Adamske* in view of *Savoray* does not disclose, teach, or suggest at least "if said destination service contains said particular symbol set, then interactively directing said destination service exclusively to access and produce said printable version of said represented image, including said predetermined graphic symbol, wherein said particular symbol set identifies mapping characteristics for producing said predetermined

graphic symbol on said represented image," as recited and emphasized above in claim 38.

For example, the final Office Action of April 28, 2006 acknowledges that *Adamske* fails to teach or suggest at least "wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image."

With regard to *Savoray*, it appears to teach at most a method for producing an electronic signature in a scaleable font format from a raster or bitmap image of a manual, handwritten signature. See col. 3, lines 25-27. The produced electronic signature may then be attached to an electronic document. See col. 5, lines 10-23.

Whereas, the claimed subject matter discloses a method in which a printable version of an image is generated at a source service, where the image includes a predetermined graphic symbol. The graphic symbol references a particular symbol set. If the service or client producing the image does have the particular symbol set, then the graphic symbol is not printed or displayed on the image. In some embodiments, the particular symbol set is an actual signature. Therefore, only services or clients having the particular symbol set are able to display or print the actual signature, in some embodiments.

Therefore, *Adamske* in view of *Savoray* does not teach or suggest at least "wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image," or all of the remaining features of claim 38, such as: "if said destination service contains said particular symbol set, then interactively directing said

destination service exclusively to access and produce said printable version of said represented image, including said predetermined graphic symbol, wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image."

As a result, *Adamske* in view of *Savoray* does not teach or suggest at least all of the claimed features of claim 38, and the rejection should be withdrawn for at least this reason alone.

8. Applicant's Claims 39-42 and 46

Because independent claim 38 is allowable over the cited art of record, dependent claims 39-42 and 46 (which depend from independent claim 38) are allowable as a matter of law for at least the reason that dependent claims 39-42 and 46 contain all the features of independent claim 38. For at least this reason, the rejections of claims 39-42 and 46 should be withdrawn.

Additionally and notwithstanding the foregoing allowability of claims 39-42 and 46, these claims recite further features and/or combinations of features (as is apparent by examination of the claim itself) that are patentably distinct from the cited art of record. Hence, there are other reasons why these dependent claims are allowable.

9. Claims 8-10, 14-17, 24, 36, and 44-45

Applicant submits that *Adamske* in view of *Savoray* does not teach or suggest all of the claimed features of independent claims 1, 25, and 38 as previously discussed. Further, the final Office Action introduces and cites art, such as *Shima*, *Powers*, etc., that fails to cure the deficiencies of the *Adamske*

and Savoray references. Thus, claims 8-10, 14-17, 24, 36, and 44-45 (which depend from respective independent claims 1, 25, and 38) are allowable over *Adamske* in view of the cited art for at least this reason.

Additionally and notwithstanding the foregoing allowability of claims 8-10, 14-17, 24, 36, and 44-45, these claims recite further features and/or combinations of features (as is apparent by examination of the claim itself) that are patentably distinct from the cited art of record. Hence, there are other reasons why these dependent claims are allowable.

As one example, among others, claim 17 recites "wherein, if said client program accesses a destination service that contains said particular symbol set, a proxy graphic symbol is displayed in place of said predetermined graphic symbol, said proxy graphic symbol when displayed providing affirmation that said particular symbol set is contained in said destination service," which is not taught or suggested by the cited art. For example, *Shima* contrastly discloses use of a proxy symbol when a printer is **unable** to render a resource. See col. 10, lines 40-46. Diversely, claim 17 recites the use of a proxy graphic symbol when the client program **contains** the particular symbol set.

Further, the Advisory Action of September 21, 2006, "submits that *Shima* does not preclude the printer from containing the particular symbol set, but just that the printer might not contain the software to render the symbol set properly" which respectively seems illogical and contrarily to the teachings of *Shima*.

For at least this reason, reconsideration of claim 17 is respectfully requested.

VIII. Conclusion

In summary, it is Applicant's position that Applicant's claims are patentable over the applied cited art references and that the rejection of these claims should be withdrawn. Appellant therefore respectfully requests that the Board of Appeals overturn the Examiner's rejection and allow Applicant's pending claims.

Respectfully submitted,

By: _____

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Claims Appendix under 37 C.F.R. § 41.37(c)(1)(viii)

The following are the claims that are involved in this Appeal.

1. From a client program in a web-based environment, a method for controlling production and display of an image represented by data generated at a source service, said data representing at least in part a predetermined graphic symbol referencing a particular symbol set, said method comprising the steps of:

accessing said source service;

dynamically generating a printable version of said image represented by said data at said source service under interactive control of said client program, said printable version including said predetermined graphic symbol referencing said particular symbol set;

referencing said printable version of said image represented by said data from a composition stored in an imaging store;

accessing said composition from a destination service; and

if said destination service contains said particular symbol set and if said destination service is instructed to produce said printable version of said represented image, then forwarding said printable version of said represented image to said destination service and then producing said represented image including said predetermined graphic symbol under interactive control by said client program, wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image.

2. The method of claim 1 wherein said represented image comprises a document.

3. The method of claim 2 wherein said document is selected from the group consisting of legal instruments, financial instruments, governmental instruments, money orders, wills, and checks.

4. The method of claim 1 wherein said predetermined graphic symbol comprises a symbol of authentication.

5. The method of claim 4 wherein said symbol of authentication comprises at least one signature.

6. The method of claim 1 wherein said particular symbol set is a font.

7. The method of claim 1 wherein said predetermined graphic symbol comprises a predetermined string of characters.

8. The method of claim 7 wherein said predetermined string of characters comprises a string of alphanumeric characters selected from the group consisting of identification numbers, sequence numbers, dates, graphic coordinates, geographic coordinates, and codes.

9. The method of claim 1 wherein, if said destination service does not contain said particular symbol set and if said destination service is instructed to produce said printable version of said represented image, then producing said represented image excluding said predetermined graphic symbol.

10. The method of claim 9 wherein, if said destination service does not contain said particular symbol set and if said destination service is instructed to produce said printable version of said represented image, then producing a substitute graphic symbol in place of said predetermined graphic symbol by using a substitute symbol set.

11. The method of claim 1 wherein said printable version of said represented image does not exist prior to said dynamically generating at said source service under interactive control of said client program.

12. The method of claim 1 wherein a web content acting on behalf of an accessed destination service generates a display at said client program comprising controls that include user selectable production options and a preview version of said represented image based upon said user selected options and upon the capabilities of a production device represented by said accessed destination service.

13. The method of claim 12 wherein said production device comprises a print destination, wherein said web content is an executable content acting on behalf of said accessed destination service representing said print destination, and wherein said preview version of said represented image sequentially changes dynamically, based upon the capabilities of print destinations sequentially accessed through multiple destination services, prior to forwarding said printable version of said represented image to a destination service.

14. The method of claim 12 wherein said preview version changes dynamically, dependent on interactive user control settings at said client program.

15. The method of claim 12 wherein said predetermined graphic symbol is displayed only when said client program accesses a destination service that contains said particular symbol set.

16. The method of claim 12 wherein said predetermined graphic symbol is not displayed.

17. The method of claim 16 wherein, if said client program accesses a destination service that contains said particular symbol set, a proxy graphic symbol is displayed in place of said predetermined graphic symbol, said proxy graphic symbol when displayed providing affirmation that said particular symbol set is contained in said destination service.

18. The method of claim 12 wherein said preview version of said image is retrieved by said accessed destination service from said imaging store.

19. The method of claim 12 wherein said client program accesses said destination service using an access technique selected from the group consisting of redirection by a second executable content and directly addressing said destination service via a Uniform Resource Locator (URL).

20. The method of claim 19 wherein said client program accesses said imaging store via said second executable content.

21. The method of claim 1 wherein said printable version of said represented image is stored in a graphic store associated with said imaging store and managed indirectly from said client program.

22. The method of claim 1 wherein said imaging store is associated with a user's identity.

23. The method of claim 22 wherein said user's identity is accessed by an executable content acting on behalf of said destination service.

24. The method of claim 22 wherein said user's identity is accessed directly by said destination service.

25. A system for controlling printing and display of an image in a distributed computing environment, comprising:

a first computer;

a second computer accessible from said first computer and operable to provide a first executable content to said first computer in response to a request from said first computer;

said second computer further operable to dynamically generate and display a printable version of data representing said image under the interactive control of said first computer via said first executable content, said represented image comprising at least in part a predetermined graphic symbol referencing a particular symbol set;

an imaging store accessible from said second computer and operable to access and store a composition referencing said printable version of said data; and

at least one destination computer accessible from said first computer and operable to access said composition, said destination computer representing a production device, such that, if said at least one said destination computer contains said particular symbol set, then said production device represented by said at least one said destination computer is operable to produce said represented image including printing said predetermined graphic symbol under interactive control of said first computer, wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image.

26. The system of claim 25 wherein said represented image comprises a document.

27. The system of claim 26 wherein said document is selected from the group consisting of legal instruments, financial instruments, governmental instruments, money orders, wills, and checks.

28. The system of claim 25 wherein said predetermined graphic symbol comprises at least one signature and wherein said particular symbol set is a font.

29. The system of claim 25 wherein said second computer comprises said first computer.

30. The system of claim 25 wherein said second computer comprises said destination computer.

31. The system of claim 25 wherein said first computer comprises said destination computer.

32. The system of claim 25 wherein said imaging store is associated with a graphic store configured to receive and store said printable version of said data, said first computer operable to manage indirectly said imaging store and said graphic store.

33. The system of claim 25 wherein said at least one said destination computer is operable to access said printable version of said data in said imaging store.

34. The system of claim 33 wherein said imaging store is associated with a user's identity.

35. The system of claim 34 wherein said at least one said destination computer is operable to access said user's identity using a process selected from the group consisting of directly accessing and accessing via executable content running in said first computer.

36. The system of claim 25 wherein, if said at least one said destination computer does not contain said particular symbol set, then said production device represented by said at least one destination computer is operable to produce said represented image only excluding said predetermined graphic symbol.

37. The system of claim 33 further comprising means for displaying a preview version of said printable version of said data accessed from said imaging store, such that said preview version is based sequentially upon the capabilities of said at least one said production device represented by said at least one said destination computer, dependent on interactive user control settings at said first computer.

38. In a distributed computing environment, a computer for controlling production and display of an image represented by data generated at a source service, said data representing at least in part a predetermined graphic symbol referencing a particular symbol set, said computer operable to:

access said source service;

interactively direct said source service to dynamically generate a printable version of said represented image, said printable version including said predetermined graphic symbol referencing said particular symbol set;

reference said printable version of said represented image via a composition stored in an imaging store;

access a destination service; and

if said destination service contains said particular symbol set, then interactively directing said destination service exclusively to access and produce said printable version of said represented image, including said predetermined graphic symbol, wherein said particular symbol set identifies mapping characteristics for producing said predetermined graphic symbol on said represented image.

39. The computer of claim 38 wherein said represented image comprises a document.

40. The computer of claim 39 wherein said document is selected from the group consisting of legal instruments, financial instruments, governmental instruments, money orders, wills, and checks.

41. The computer of claim 38 wherein said predetermined graphic symbol comprises a symbol of authentication.

42. The computer of claim 41 wherein said symbol of authentication comprises at least one signature.

43. The computer of claim 34 wherein said particular symbol set is a font.

44. The computer of claim 38 further operable, if said destination service does not contain said particular symbol set, to interactively direct said destination service to access and produce said printable version of said image excluding said predetermined graphic symbol.

45. The computer of claim 44 further operable, if said destination service does not contain said particular symbol set, to interactively direct said destination service to access and produce said printable version of said image, wherein a substitute graphic symbol is produced in place of said predetermined graphic symbol by using a substitute symbol set.

46. The computer of claim 38 further operable to interactively direct said destination service to generate at said computer a display comprising controls that include user selectable production options and a preview version of said image based upon said user selected options and upon the capabilities of a production device represented by said destination service.

Evidence Appendix under 37 C.F.R. § 41.37(c)(1)(ix)

There is no extrinsic evidence to be considered in this Appeal.

Therefore, no evidence is presented in this Appendix.

Related Proceedings Appendix under 37 C.F.R. § 41.37(c)(1)(x)

There are no related proceedings to be considered in this Appeal.

Therefore, no such proceedings are identified in this Appendix.